

### Smart budget solution for simple tasks

The Shuttle K-Series Barebone K45S is a great choice for basic computing needs such as office applications and web surfing in the business or home segment. The K45S is a small and stylish PC platform with low power consumption that seamlessly integrates into a network using its Ethernet or an optional WLAN interface. This affordable entry-level platform targets SME, corporate, public and educational institutions. Easily set up an ideal second home PC to manage any simple everyday applications in a snap while banking on Shuttle's high reliability.

### Shuttle K-Series Barebone **K45S (Silver)**



Images for illustration purposes only.

#### Feature Highlight

<b>K chassis</b>	<ul style="list-style-type: none"> <li>Color: silver, cover made of aluminum</li> <li>Dimensions: 28 x 19 x 17 cm (L/W/H)</li> <li>Bays: 2x 3.5" (internal)</li> <li>Optional colorful chassis with customized front panel design possible</li> </ul>
<b>Chipset</b>	<ul style="list-style-type: none"> <li>Intel 945GC + ICH7</li> <li>Integrated GMA950 graphics, VGA out</li> </ul>
<b>CPU</b>	<ul style="list-style-type: none"> <li>Socket 775</li> <li>Core 2 Duo E7200 / E6xxx / E4xxx, Pentium Dual-Core 2xxx, Celeron 4xx (max. 65W)</li> <li>Supports 1066/800/533 MHz FSB</li> <li>For use with Intel standard cooling fan (not included). Please purchase an Intel boxed processor.</li> </ul>
<b>Slots</b>	<ul style="list-style-type: none"> <li>1x PCI 32 Bit</li> </ul>
<b>Memory</b>	<ul style="list-style-type: none"> <li>Supports 2x DDR2-533/667</li> <li>DDR2-800 in overclocking mode*</li> <li>Supports up to 2GB (2x 1GB)</li> </ul>
<b>Drive connectors</b>	<ul style="list-style-type: none"> <li>2x SATA II (3 Gbit/s)</li> <li>1x IDE ATA 100</li> </ul>
<b>Other connectors</b>	<ul style="list-style-type: none"> <li>5.1 HD audio</li> <li>USB 2.0 (4x rear, 4x onboard)</li> <li>Gigabit LAN</li> <li>Optional WLAN adapter</li> </ul>
<b>Power supply</b>	<ul style="list-style-type: none"> <li>100 Watt Flex-ATX power supply</li> </ul>
<b>Application</b>	<ul style="list-style-type: none"> <li>Business, Home</li> </ul>



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## Shuttle K-Series Barebone K45S Specifications

<i>Chassis</i>	<p>K-type chassis with aluminum cover and acrylic front plate</p> <p>Color: silver, double baked coating, with black front panel framing</p> <p>Optional temperature controlled 92x92x25mm rear chassis fan (region specific)</p> <p>Storage bays: 2 x 3.5" internal (no 3.5" bay for optical drive)</p> <p>Dimensions: 28 x 19 x 17 cm (LWH)</p> <p>Weight: 3.5 kg net / 4.7 kg gross</p>
<i>Mainboard</i>	<p>Proprietary mainboard design for K45</p> <p>Chipset: Intel 945GC + ICH7</p> <p>Dimensions: 170 x 235 mm</p>
<i>Power Supply</i>	<p>100 Watt Flex ATX power supply unit</p> <p>Input voltage range: 100~240V AC</p> <p>Active PFC (Power Factor Correction)</p> <p>EMI Certified: FCC, CE, BSMI</p> <p>Safety Certified: UL, TÜV, CB</p> <p>Power plug region specific, 40 mm cooling fan</p>
<i>Processor Support</i>	<p>Socket 775 supports Single and Dual Core processors from Intel</p> <p>Supports 533/800/1066 MHz FSB (Front Side Bus)</p> <p>Supports Core 2 Duo E7200 / E6xxx / E4xxx, Pentium Dual-Core 2xxx, Celeron D 4xx series</p> <p>Supports up to 65W TDP</p> <p>Please refer the support list for detailed processor support information. at <a href="http://global.shuttle.com/support_list.jsp">http://global.shuttle.com/support_list.jsp</a></p>
<i>Processor Cooling</i>	<p>Processor cooling fan not included.</p> <p>Please purchase an Intel boxed processor.</p> <p>The mainboard supports temperature-controlled RPM fan speed by the BIOS.</p>
<i>Memory Support</i>	<p>2x 240 pin slots, supports Dual Channel</p> <p>supports DDR2-533/667 SDRAM memory</p> <p>Supports up to a total size of 2 GB, max. 1 GB per DIMM</p>
<i>Expansion Slots</i>	<p>1x PCI 32 bit</p>
<i>Integrated Graphics</i>	<p>Intel Graphics Media Accelerator 950 (GMA950)</p> <p>with PCI-E x1 improved bandwidth, features 333MHz graphics core</p> <p>DX8/DX9 support and enhanced 3D performance</p> <p>Dynamic Video Memory Technology (DVMT) 3.0</p> <p>Shared Memory max. 224MB</p> <p>Analog 15 pin Sub-D VGA video out connector</p>

<i>6-channel Audio</i>	<p>Audio Realtek® ALC 662 6-channel High-Definition Audio</p> <p>Three analog audio connectors (3.5mm) at the Back-Panel:</p> <ol style="list-style-type: none"> <li>1) Front Line out (head phone)</li> <li>2) Rear Surround line-out (shared with microphone input)</li> <li>3) Center line-out (shared with Line in)</li> </ol>
<i>LAN Controller</i>	<p>Gigabit network controller (Marvell 8056)</p> <p>Supports 10/100/1000 MBit/s operation</p> <p>RJ45 back panel connector</p> <p>Supports Wake-on-LAN function and PXE (Preboot Execution Environment)</p>
<i>Drive connectors</i>	<p>2x Serial-ATA II, 3 Gbit/s (300 MB/s) bandwidth</p> <p>1x IDE ATA 100 drives</p>
<i>Front panel</i>	<p>Power button</p> <p>Power indicator (LED)</p> <p>HDD indicator (LED)</p>
<i>Back panel connectors</i>	<p>D-sub VGA Video out</p> <p>4x USB 2.0</p> <p>RJ45 LAN connector</p> <p>PS/2 keyboard connector</p> <p>PS/2 mouse connector</p> <p>Serial COM port</p> <p>Parallel port</p> <p>Audio Front Line out (head phone)</p> <p>Audio Rear Surround line-out (shared with microphone input)</p> <p>Audio Center line-out (shared with Line in)</p> <p>optional Wireless LAN module (PN20)</p>
<i>Other connectors</i>	<p>2x fan connectors (4 pins)</p> <p>4x USB 2.0 (two 2x5 pin onboard headers)</p>
<i>Accessories</i>	<p>System installation Guide</p> <p>1x SATA cable</p> <p>1x Power cord</p> <p>Driver CD-ROM</p>

## Connectors and Components

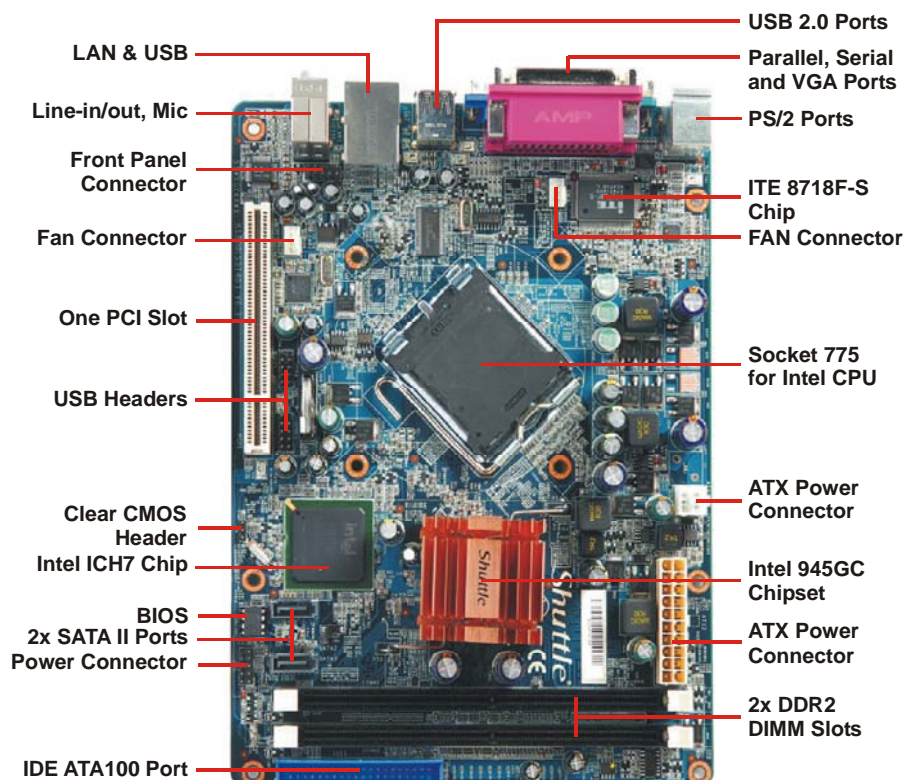
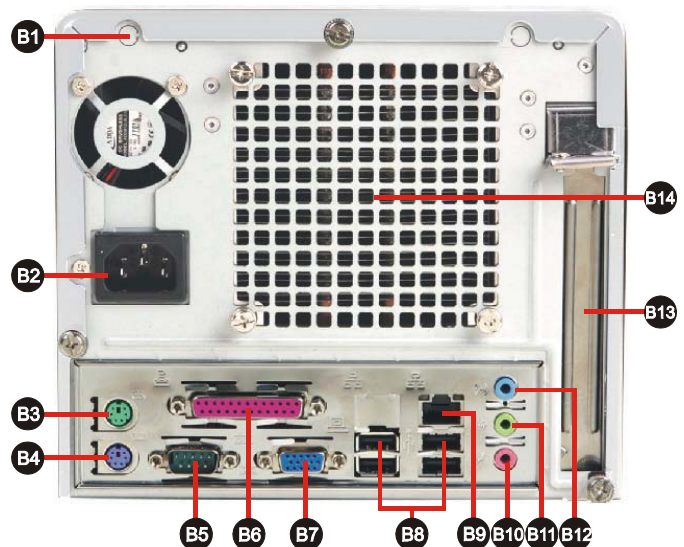
### Front-Panel

- F1 Power Switch
- F2 Power LED
- F3 HDD LED



### Back-Panel

- B1 Optional WLAN
- B2 AC Power Socket
- B3 PS/2 Mouse Port
- B4 PS/2 Keyboard Port
- B5 COM Port
- B6 Parallel Port
- B7 VGA Port
- B8 USB Port
- B9 LAN Port
- B10 MIC-In Port
- B11 Line-Out Port
- B12 Line-In Port
- B13 PCI Slot
- B14 Rear Fan



### MyKover - Customize Your Front Panel

Users easily customize PC and make work fun with the specially designed MyKover. Just 1-minute, 2-clicks and 3-steps to change your mood easily! Create a stunning look by inserting your memorial photos behind the crystal panel or download panel images from Shuttle's website directly: <http://global.shuttle.com/Event/kpc/index5.html>



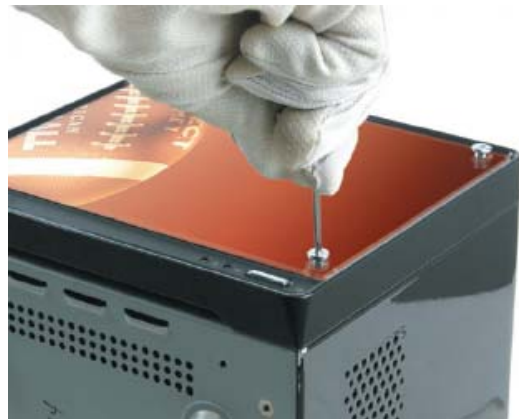
Unfasten the front panel by removing the four screws.



Remove both the transparent glass and the image.



Insert the new image and cover back the transparent glass on top.



Align and correspond the transparent glass and new image to screw holes on the front of the machine.



Carefully screw back the four screws.



Congratulation, you have your customized image now.